



# MacBook Pro 13" Retina Display Late 2012 Microphone Assembly Replacement

Prereq only for upper case.

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## INTRODUCTION

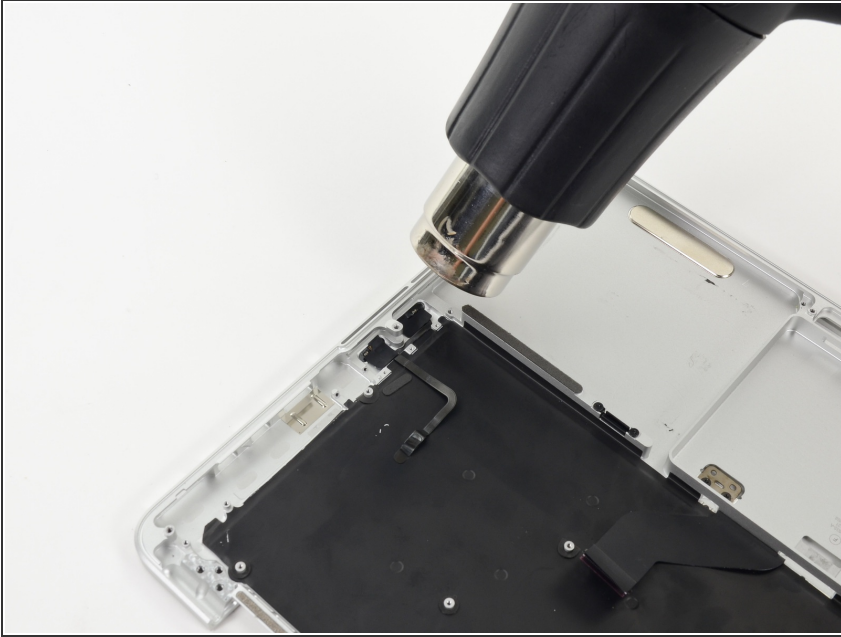
Prereq only for upper case.

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### TOOLS:

- [Heat Gun](#) (1)
  - [Spudger](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — Microphone Assembly



- For this step, it is recommended to use a heat gun or hair dryer to soften the adhesive securing the microphone assembly to the upper case. You may be able to remove it without doing so, but will risk damaging the microphone cable.
- With the heat gun set to low, heat the microphone assembly to loosen the adhesive attaching it to the upper case.

 Be very careful not to overheat the microphones or upper case. Keep in mind that the plastic keyboard is on the other side—too much heat in a single place can melt keys.

## Step 2



- Use the tip of a spudger to remove the piece of tape covering one of two microphones.
- Grasp the piece of tape with a pair of tweezers and remove it.

## Step 3



- Repeat the same procedure as the previous step to remove the tape covering the second microphone.

## Step 4



- Wedge the tip of a spudger underneath the microphone assembly cable.
- Run the spudger up along the bottom of the microphone assembly cable to separate it from the upper case.



## Step 5



- Gently wedge the tip of a spudger underneath the second microphone and push inwards to loosen the adhesive.

**i** At this point the second microphone should be completely detached from the upper case.

## Step 6



- Carefully pry the first microphone up off the upper case.

## Step 7



- Lift and remove the microphone assembly out of the upper case.

To reassemble your device, follow these instructions in reverse order.

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